SHARP INSTALLATION MANUAL

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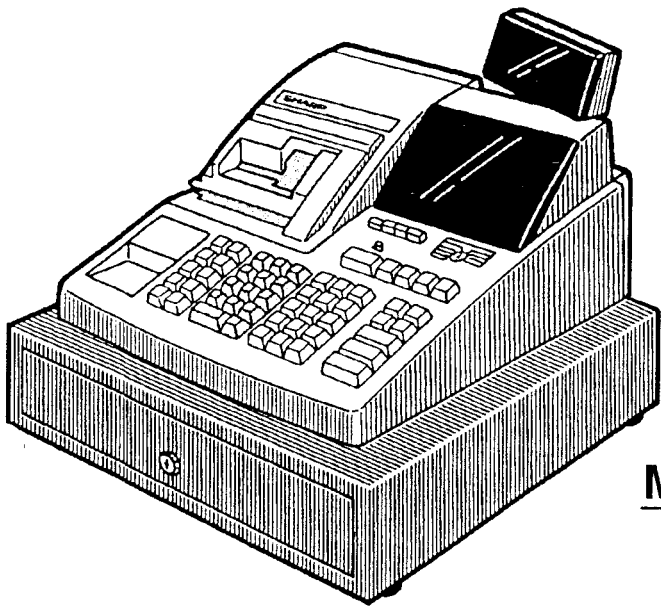

ER-1921S

ELECTRONIC CASH REGISTER

ER-1921S (Europe VER.)

MODEL ER-2396S (U.S.A. VER.)

SRV Key : LKGIM7113RCZZ

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SHARP CORPORATION

This document has been provided for service training program and is subject to revision without notice.

INSTALLATION MANUAL FOR OPTIONS

1. LIST OF OPTIONS (Sales route options)

1) For ER-1921S

No.	Name	Model name	Country		Notes
			Germany	U.K.	
1	Coin case	ER-48CC2	O	—	
		ER-48CC3	—	O	
2	Coin case cover	ER-01CV1~5	O	—	
		ER-02CV1~5	—	O	
3	Key top kit	ER-11KT6	O	O	1 x 1 key top
		ER-12KT6	O	O	1 x 2 key top
		ER-22KT6	O	O	2 x 2 key top
		ER-11DK6	O	O	1 x 1 dummy key
		ER-51DK6	O	O	1 x 5 dummy key

2) For ER-2396S

No.	Name	Model name	Notes
1	Coin case	ER-55CC2	
2	Key top kit	ER-11KT6	1 x 1 key top
		ER-12KT6	1 x 2 key top
		ER-22KT6	2 x 2 key top
		ER-11DK6	1 x 1 dummy key
		ER-51DK6	1 x 5 dummy key

2. LIST OF OPTIONS (Service route options)

1) For ER-1921S

No.	Name	Parts code	Notes
1	Remote drawer	GBOXD7114BHZZ	For Germany
		GBOXD7115BHZZ	For U.K.
2	Drawer fixing kit	DKIT-8633RCZZ	
3	Shield plate kit	DKIT-8644BHZZ	
4	Cashier key kit	DKIT-3383RCZZ	
5	SRV key	LKGIM7113RCZZ	Service key
6	Key cover	GCOVB6985RCZZ	
7	Remote drawer drive kit	DKIT-8651BHZZ	
8	OP key grip cover	LKGIM7126RCZZ	
9	Sub master key	LKGIM7129RCZZ	
10	Drawer bell kit	DKIT-8324RCZZ	

2) For ER-2396S

No.	Name	Parts code	Notes
1	Remote drawer	GBOXD7113BHZZ	
2	Drawer fixing kit	DKIT-8633RCZZ	
3	Shield plate kit	DKIT-8644BHZZ	
4	SRV key	LKGIM7113RCZZ	Service key
5	Key cover	GCOVB6985RCZZ	
6	Remote drawe drive kit	DKIT-8651BHZZ	
7	OP key grip cover	LKGIM7126RCZZ	

3. INSTALLATION OF OPTIONS

3-1. Drawer fixing kit

The drawer fixing kit is used for securing the cash drawer when installing separately from the ECR main unit.

By using two of brackets, the drawer box can be protected from drifting especially when it is filled with coins.

1) Parts list **KIT CODE: DKIT-8633RCZZ**

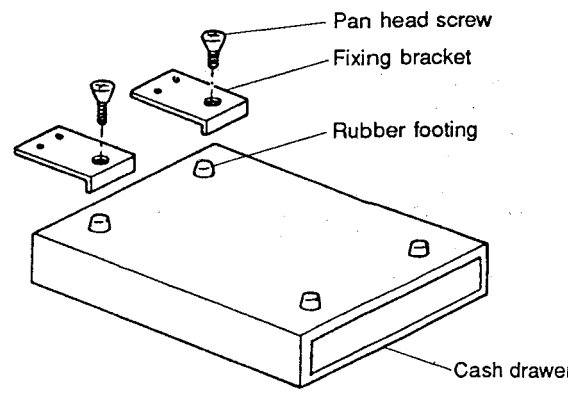
No.	Parts code	Description	Price rank	Q'ty
1	LBRC-2321RCZZ	Fixing bracket	AN	2
2	XTPSD40P16000	Tapping screw M4 x 16	AA	4
3	XBSSD40P16000	Flat head screw M4 x 16 (For remote drawer)	AA	2
4	XUSSD40P20000	Flat head screw M4 x 20 (For standard drawer)	AA	2
5	XBPSD40P22000	Screw M4 x 22	AA	4
6	XNESD40-32000	Nut M4 x 32	AA	4

2) Installation procedure

① Turn over the drawer bottom side and remove rubber footing at two locations.

② Fasten the bracket together with the rubber footing using the pan head screw.

Pay attention for the installing direction of the bracket that the pan head screw can be inserted properly into the bracket.



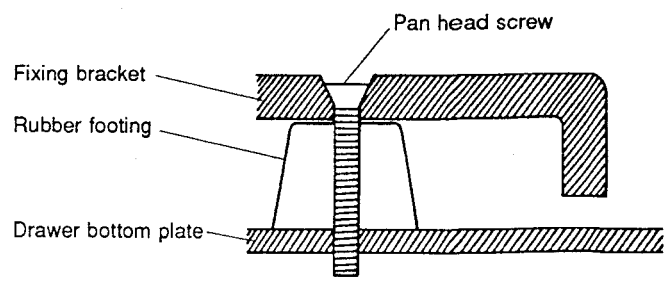


Fig.3-1

③ Fastening on the table:

Secure the fixing Bracket using the screw (Fig. 3-2).

If the thickness of the table is less than 15mm, bore a 4.5mm hole in the table and fasten it with the screw (XBPSD40P22000 - 4pcs.) and nut (XNESD40-32000 - 4pcs.)

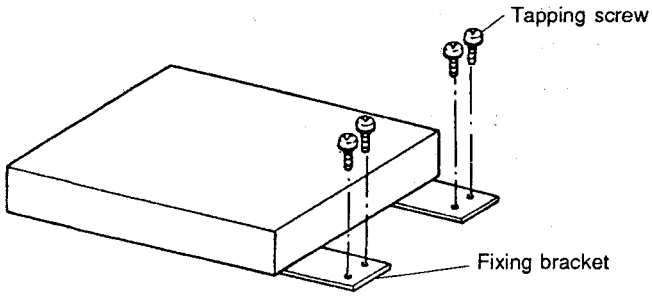


Fig.3-2

3-2. Drawer removal procedure (For ER-1921S and ER-2396S)

1) Parts list

① Shield plate kit (DKIT-8644BHZZ)

Parts code	Description	Price rank	Q'ty	Remark
GITAU6752BHZZ	Shield plate	BH	1	
TLABM6919BHZZ	Name label	AD	1	
LBSHC0004AGZZ	Clamp	AC	1	
TLABH6918BHZZ	Inst manual	AM	1	
PGUMM6696BHZZ	Rubber foot	AE	1	
XUBSD30P14000	Screw	AA	1	
XUBSD30P08000	Screw	AA	1	
LX-BZ6780BHZZ	Screw	AB	1	
LX-BZ6781BHZZ	Screw	AB	1	
LX-BZ6779BHZZ	Screw	AB	1	
LX-BZ6769BHZZ	Screw	AA	1	
SSAKH3012CCZZ	Vinyl sack	AA	1	
SSAKA3320QCZZ	Vinyl sack	AA	1	

3) Procedure

No.	Description	Parts name	Parts code
1	Remove three top cabinet holding screws.		
2	Remove the grounding wire from the top of the drawer.		
3	Remove the top cabinet from the bottom cabinet. Unfasten the transformer and drawer connectors.		
4	Remove two bottom cabinet holding screws.		
5	Remove the transformer holding screw.		
6	Don't remove screw for grounding (Green or Green yellow wiring)		
7	Remove the transformer cover from the drawer.		
8	Get the bottom cabinet ready.	Bottom cabinet	
9	Insert the wire of the drawer solenoid microswitch in the clamp and install the clamp to the shield plate. Note that there is a microswitch wire provided for use with the UK version model. Note: Even for the drawer with no microswitch it is necessary to install a clamp to the shield plate without fail. This means that clamp must be installed without exception.	Clamp	LBSHC0004AGZZ
10	Route the solenoid microswitch connector through the square hole beneath the bottom cabinet.		
11	Place the shield plate under the back of the bottom cabinet, and fasten four rubber footings with four screws at four locations, and secure it at the center of the shield plate with one screw.	Shield plate unit Rubber footing Screw for rubber footing Screw	GITAU6752BH01 PGUMM6696BHZZ XUBSD30P14000 XUBSD30P08000
12	Install the transformer cover to the rear right of the bottom cabinet and fasten the transformer with screw.	Screw	LX-BZ6780BHZZ
13	Replace the top cabinet to the bottom cabinet. Fasten the transformer and drawer connectors as this point.		
14	Fasten the grounding wire.		
15	Fasten the top cabinet with three screws.	Screw, printer Screw, rear left	LX-BZ6781BHZZ LX-BZ6779BHZZ

Tailor the drawer solenoid microswitch wire to the size the user wants. Use the AWG22 wire for this.

4) Setting

Master reset

While pressing the journal feed key, rotate the MODE switch from SRV2 to SRV1 position.

2) Installation procedure

① ER-11KT6

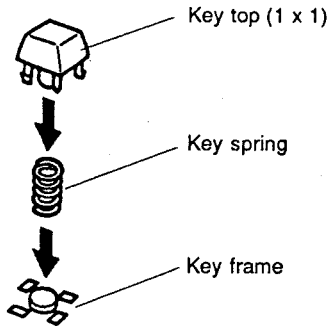


Fig. 3-16

② ER-12KT6

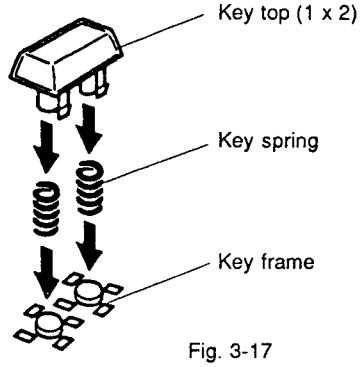


Fig. 3-17

③ER-22KT6

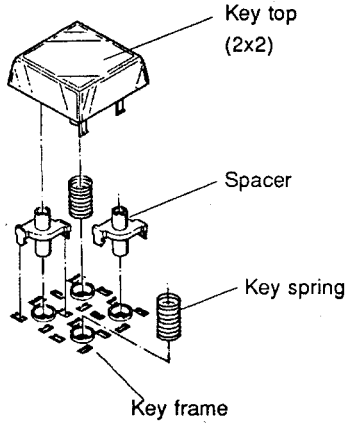


Fig. 3-18

④Dummy key:

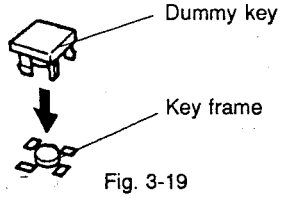


Fig. 3-19

3) Removing key top

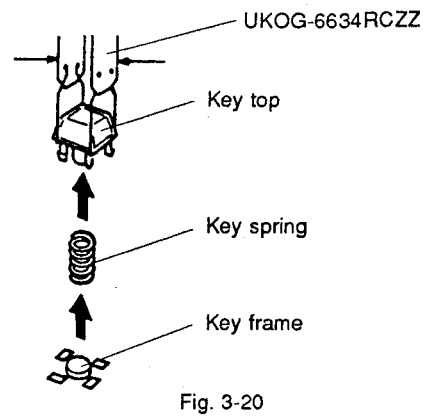


Fig. 3-20

4.SERVICE PRECAUTION

When removing the top cabinet, lift it up in the first place as illustrated, then remove the transformer cable and remove the top cabinet.

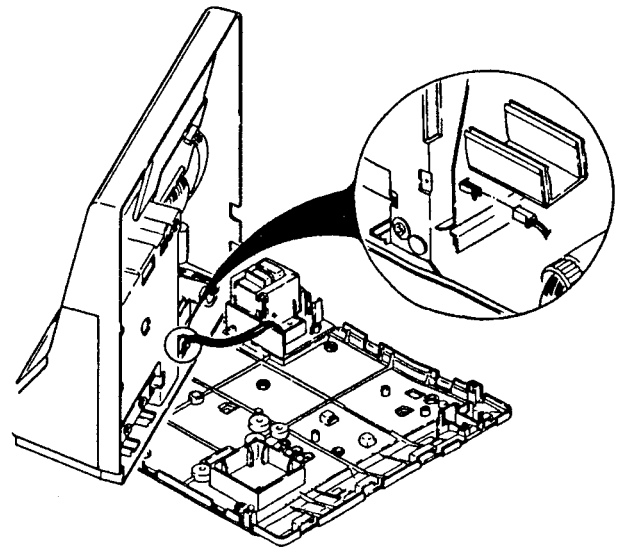


Fig. 4-1